

ABSTRACT

In an engine starting control system of an internal combustion engine in which an eco-run control is performed, a combustion stroke that each cylinder reaches when the internal combustion engine comes to an engine stopped state by the eco-run control is predicted (S103), and in an expansion stroke cylinder that the predicted combustion stroke is an expansion stroke, fuel of a predetermined amount is injected from an intake passage injection valve into an intake passage just before the internal combustion engine comes to an engine stopped state (S104), and in the expansion stroke cylinder, an engine start of the internal combustion engine in an engine stopped state is performed by injecting fuel from the cylinder injection valve into the cylinder and igniting the air-fuel mixture in the cylinder by an ignition plug (S108).